

Lesson 17 Answer Key to Key Questions

How is a coffee can used to take a sample?

One end is cut out of a coffee can. Any sharp edges would need to be sanded in some way. The can is pressed down into the substrate. A person covers the end of the can that is in the substrate and removes the can and contents from the substrate, keeping the hand over the opened end until the contents can be emptied into the screening box.

What part does the screening box play?

The coffee can contents are sieved by taking the screening box to the salt water and rinsing out the substrate. Depending on the lesson, a count of the remaining contents will be taken.

What precautions must we take while we take samples?

When taking core samples in the field situation, all caution should be taken to preserve the habitat by leaving it the way it was before the experiment. All current marine regulations for that particular area must be followed.